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(54) Title: INHIBITION OF TUMORIGENESIS BY INHIBITION OF A6B4 INTEGRIN

(57) Abstract: Inhibitors of a6b4 integrin that target beta 4 are used as therapeutic agents to inhibit tumorigensis in individuals, including humans, of tumors that express a6b4 integrin. The therapeutic agent may be an antibody or a small molecule, for example a laminin-5 analog, which binds to a6b4 integrin and inhibits its normal function. The therapeutic agent may also be a chemical species that interferes with the production of beta 4, including for example an antisense or RNAi species. The therapeutic agent is administered to the tissue or patient in a therapeutically effective amount. The therapeutic agent may be used as a single agent or in combination with other therapies, especially those directed toward suppressing the activity of RPTKs known to cooperate with a6b4, including but not limited to ErbB2, EGF-R, Met, and Ron.

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